

REMARKS

Claims 1-19 remain in the application for consideration of the Examiner.

Reconsideration and withdrawal of the outstanding rejections are respectfully requested in light of the following remarks.

Turning now to the art rejections, Claims 1, 6, 7, 12, 13, and 18 were rejected under 35 U.S.C. § 103 as being unpatentable over Cowieson; Claims 2, 3, 8, 9, 14, and 15 were rejected under 35 U.S.C. § 103 as being unpatentable over Cowieson in view of Matheny; Claims 4, 10, and 16 were rejected under 35 U.S.C. § 103 as being unpatentable over Cowieson in view of Matheny in view of Tang; Claims 1-19 were rejected under 35 U.S.C. § 103 as being unpatentable over Jacobs in view of Rossmere.

These rejections are respectfully traversed.

It is respectfully submitted that Cowieson does not disclose or suggest the presently claimed invention including a plurality of multiply switches to selectively mix the plurality of audio inputs and the plurality of audio outputs in independent Claims 1 and 7, the plurality of multiply switches operational to selectively mix a plurality of audio inputs, a plurality of filtered audio signals, and the plurality of processed audio signals in independent Claim 13, albeit defined as the step of mixing a plurality of audio input signals via the first plurality of multiply switches to generate a plurality of mixed audio signals in independent Claim 18.

Applicants agree with the Examiner as evidence by page 3 of the Office Action that Cowieson does not disclose the switches 45 and 48 as multiply switches.

The Examiner alleges that it would have been obvious to one of ordinary skill in the art at the time to incorporate multiply switches. However, as evidence on page 2,

lines 10-15 of the instant application the use of multiply rather than other forms of decision logic minimizes the use of branching and allows "morphing" from one setting to another.

Whether or not Matheny discloses a multiplier that performs a single cycle multiplying and whether or not one of ordinary skill in the art would consider modifying Cowieson is of no moment since the resulting construction would still in no way disclose or suggest the presently claimed invention.

Matheny does not cure the above noted defects.

Tang does not disclose or suggest the presently claimed invention including the plurality of multiply switches configured to selectively switch the plurality of audio inputs with the plurality of audio outputs in the various forms in independent Claims 1, 7, 13, and 18.

Tang, discloses that at column 116, lines 31-35 table zero is also utilized to determine on the fly whether the default predetermination should be overridden and another processor be used to execute the granule instead.

This has nothing to do with multiply circuit.

Jacobs does not disclose or suggest the presently claimed invention including the plurality of multiply switches configuratively to selectively mix the plurality of audio inputs and the plurality of audio outputs as defined in the various forms in independent Claims 1, 7, 13, and 18.

Applicants agree with the Examiner as evidence by page 6 of the Office Action that Jacobs does not teach a plurality of switches.

Rossmere does not disclose or suggest the presently claimed invention including the plurality of multiply switches configured to selectively mix the plurality of audio inputs and the plurality of audio outputs as defined in the various forms in independent Claims 1, 7, 13, and 18.


There is nothing to indicate that switches 305 and 310 of Rossmere relate to multiply switches.

In light of the above, it is respectfully submitted that the present application is in condition for allowance, and notice to that effect is respectfully requested.

While it is believed that the instant response places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

To the extent necessary, Applicant petitions for an Extension of Time under 37 CFR 1.136. Please charge any fees in connection with the filing of this paper, including extension of time fees, to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

Respectfully submitted,



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